

REMARKS

Applicant respectfully requests further examination and reconsideration in view of the above amendments. Claims 1-30 remain pending in the case. Claims 1-30 are rejected. Claims 1, 6, 11-21 and 26 are amended herein. No new matter has been added.

SPECIFICATION OBJECTIONS

The abstract and disclosure are objected to a need for clarification. Appropriate amendment has been made to the objected portions. Therefore, Applicant respectfully asserts that the objections have been overcome.

CLAIM OBJECTIONS

Claims 6, 16 and 26 are objected to due to informalities. Appropriate amendment has been made to the objected claims. Therefore, Applicant respectfully asserts that the claim objections have been overcome.

35 U.S.C. §112, second paragraph

Claim 21 stands rejected under 35 U.S.C. §112, second paragraph, as having insufficient antecedent basis for the claim limitation "said multipath signals." Appropriate amendment has been made to claim 21 removing the term "said" prior to "multipath signals." Therefore, Applicant respectfully asserts that Claim 21 overcomes the rejection under 35 U.S.C. §112, second paragraph.

35 U.S.C. §102(e)

Claims 1-25 and 27-30 stand rejected under 35 U.S.C. §102(e) as being anticipated by United States Patent 6,466,832 by Zuqert et al., hereinafter referred to as the "Zuqert" reference. Applicant has reviewed the cited reference and respectfully submit that the embodiments of the present invention as recited in Claims 1-25 and 27-30 are not anticipated by Zuqert in view of the following rationale.

Applicant respectfully directs the Examiner to independent Claim 1 that recites that an embodiment of the present invention is directed to (emphasis added):

A method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer system, said method comprising the steps of:

- a) receiving said wireless signal at said radio frequency peripheral component card;
- b) demodulating said wireless signal;
- c) determining an error rate of a digital data portion of said wireless signal; and
- d) indicating a quality level of reception of said wireless signal at said radio frequency peripheral component card based on said error rate.

Independent Claims 11 and 21 recite similar limitations. Claims 2-10 that depend from independent Claim 1, Claims 12-20 that depend from independent Claim 11, and Claims 21-25 and 27-30 that depend from

independent Claim 21 provide further recitations of the features of the present invention.

Zuqert and the claimed invention are very different. Applicant understands Zuqert to teach a speaker system for presenting audio data. In particular, Zuqert teaches a wireless speaker system in which audio input data is wirelessly transmitted from a transmitter to one or more receivers (col. 2, lines 1-3).

In contrast, embodiments of the claimed invention are directed towards “[a] method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer system” (emphasis added). In particular, the claimed embodiments recite the limitation of a radio frequency peripheral component card. With reference to Figure 2a of the present application, communication device 200a is shown, wherein communication device 200a is a radio frequency peripheral component card, capable of being installed in an expansion slot of a personal computer (page 11, lines 22-24).

Applicant respectfully asserts that Zuqert in particular does not teach, disclose, or suggest a method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer

system. In contrast, Zuqert discloses a wireless speaker system for presenting audio data.

Therefore, Applicant respectfully asserts that nowhere does Zuqert teach, disclose or suggest the claimed embodiments of the present invention as recited in independent Claims 1, 11 and 21, and that these claims are thus in a condition for allowance. Therefore, Applicant respectfully submits the Zuqert also does not teach or suggest the additional claimed features of the present invention as recited in Claims 2-10 which depend from independent Claim 1, Claims 12-20 which depend from independent Claim 11, and Claims 22-25 and 27-30 which depend on independent Claim 21. Therefore, Applicant respectfully submits that Claims 2-10, 12-20, 22-25 and 27-30 overcome the rejection under 35 U.S.C. § 102(e), and are in a condition for allowance as being dependent on an allowable base claim.

35 U.S.C. §103(a)

Claim 26 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Zuqert in view of United States Patent 5,699,365 by Klayman et al., hereinafter referred to as the "Klayman" reference. Applicant has reviewed the cited reference and respectfully submits that the embodiment of the present invention as recited in Claim 26 is not rendered obvious by the combination of Zuqert in view of Klayman for the following rationale.

Applicant respectfully directs the Examiner to independent Claim 21 that recites that an embodiment of the present invention is directed to (emphasis added):

A computer readable medium containing therein computer readable codes for causing a radio frequency peripheral component card of a computer system to implement a method of managing multipath signals, said method comprising the steps of:

- a) receiving said wireless signal at said radio frequency peripheral component card;
- b) demodulating said wireless signal;
- c) determining an error rate of a digital data portion of said wireless signal; and
- d) indicating a quality level of reception of said wireless signal at said radio frequency peripheral component card based on said error rate.

Claim 26 that depends from independent Claim 21 provides a further recitation of the features of the present invention.

The combination of Zuqert and Klayman does not teach a method method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer system, as claimed. For instance, Zuqert and the claimed invention are very different. As described above, Applicant understands Zuqert to teach a wireless speaker system. Therefore, Applicant respectfully asserts that Zuqert does not teach, disclose, or suggest a method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer system.

Moreover, the combination of Zuqert and Klayman fails to teach or suggest this claim limitation because Klayman does not overcome the shortcomings of Zuqert. Applicant understands Klayman to teach an apparatus and method for adaptive forward error correction in data communications. In particular, Klayman does not teach, describe, or suggest the use of a radio frequency peripheral component card of a computer system for wireless transmission. Therefore, Applicant respectfully asserts that Klayman does not teach, disclose, or suggest a method of indicating reception performance of a wireless signal at a radio frequency peripheral component card of a computer system.

Applicant respectfully asserts that nowhere does the combination of Zuqert and Klayman teach, disclose or suggest the present invention as recited in independent Claim 21, and that this claim is thus in condition for allowance. Therefore, Applicant respectfully submits the combination of Zuqert and Klayman also does not teach or suggest the additional claimed features of the embodiment of the present invention as recited in Claim 26 dependant on allowable base Claim 21. Therefore, Applicant respectfully submits that Claim 26 overcomes the rejection under 35 U.S.C. § 103(a), and that this claim is thus in a condition for allowance.

CONCLUSION

In light of the above remarks, Applicant respectfully requests reconsideration of the rejected claims. Based on the arguments presented above, Applicant respectfully asserts that Claims 1-30 overcome the rejections of record and, therefore, Applicant respectfully solicits allowance of these Claims.

The Examiner is invited to contact Applicant's undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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